

GENERAL DYNAMICS Itronix Duo-Touch II Fully Rugged Tablet

The Duo-Touch® II Tablet PC is the latest in a long line of fully-rugged Tablet PCs designed specifically to enable secure, reliable, mobile computing in environmentally challenging work environments. This feature rich computing platform features dual-touch operating modes, enabling you to switch effortlessly between active digitizer and passive touchscreen operations.



The Duo-Touch® II is the smallest and lightest rugged Tablet PC General Dynamics/Itronix has ever produced. It represents our third generation of rugged Tablet PCs, incorporating the wireless performance and capabilities of our industry-leading rugged notebooks along with the best of our time-tested Tablet PC engineering capabilities.

Key Features

Fully-Rugged Tablet Reliability - Lightweight and ergonomic, the MIL-STD rugged Duo-Touch® II has the rugged and weatherproof capabilities (such as 36" drop protection) we build into all our "real world proven" products.

Ultra-Viewable Touchscreen Display with DYNAVUE™- increases outdoor viewability in all ambient conditions including direct sunlight.

Wireless Mobility - With up to four integrated wireless technologies in the same device, the Duo-Touch® II Tablet PC is designed to provide dependable connectivity across the spectrum of wireless networks; its convenient size (10.6" x 7.2" x 1.65") and light weight (just over 4 lbs) enables you to work everywhere and anywhere.

Powerful - Duo-Touch® II with the Intel® Core™ Duo processor offers optimised power efficient computing and breakthrough dual-core performance with amazingly low power consumption, needed to keep field-deployed, mission-critical workers productive and online throughout your deployment life cycle. With its two execution cores, the Intel® Core Duo processor is optimised for multi-threaded applications and multitasking.

Dual-Touch Display - The Duo-Touch® II combines the features of an active digitizer with the flexibility of a passive touchscreen.

Security - Designed to protect users, information and networks, the Duo-Touch® II has multiple security features.

Warranty and Service - 3-year warranty standard; additional options available for enterprise customers include Mobile Help Desk and comprehensive service support levels.



Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience

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Duo-Touch II Specifications



FUNCTIONAL

Processor	Intel® Core™ Duo ULV processor (1.2 GHz) 553 MHz front-side bus
Memory	1024 to 2048 MB DDR2 RAM
Storage	Shock mounted 2.5" 120 GB hard disk drive with heater Optional 16 GB or 32 GB Solid State Hard Disk Drives
Display	8.4" SVGA TFT Transmissive display with DynaVue® Patent-Pending technology for optimum outdoor viewability DynaVue® exceeds the minimum contrast ratio as required for bright sunlight per MIL-STD-3009
I/O Ports	Built-in RJ-11 and RJ-45 jacks for integrated fax/modem and Ethernet (2) USB 2.0 connectors 26-pin docking connector External speaker and microphone jacks Connector for expansion battery
PCMCIA	PC Card slot for Type I or II card with 32 bit Card Bus 2.1 Interface Compact Flash slot for Type I or II card
Integrated Communications	56 Kbps V.92 fax/modem 10/100/1000 Mbit Base-T Ethernet LAN 802.11 a/g/n WLAN Bluetooth® 2.0 GPS Sealed, rugged PC Card slot cover for user installed radios Up to 3 RF modems and GPS can be integrated at one time
Operating System	Microsoft® Windows XP Tablet PC Edition 2005 Microsoft® Windows Vista™

ENVIRONMENTAL (MIL-STD 810)

Temperature	Operating temperature -20° to 60° C (-4° TO 140° f) Storage temperature -55° to 75° c (-67° to 167° F) Boot Temperature: -20° C with Hard Drive Heater
Water/Dust	Sealed against water and dust intrusion (IP54) Optional compliance with UL 1604 Class I, Division 2, Group A, B, C and D for hazardous locations
Vibration	Magnesium alloy casing and impact absorbing exoskeleton Meets or exceeds MIL-STD 810F
Drop	Meets or exceeds MIL-STD 810F
Altitude	Meets or exceeds MIL-STD 810F

PHYSICAL

Dimensions	Length: 10.6" (27.0 cm) Width: 7.2" (18.4 cm) Depth: 1.65" (4.2 cm)
Weight	4.1 lbs (less than 2.0 kg)
Structure	Fully rugged Die-cast magnesium for structural components Meets or exceeds MIL-STD 810F Magnesium alloy casing and impact absorbing exoskeleton Optional Compliance with UL 1604 Class I, Division 2, Group A, B, C and D for Hazardous Locations

ELECTRICAL

AC Input	512MB to 2GB DDRII SRAM 533MHz
Battery	Smart 3900 mAH (40.0W) Lithium-Ion main battery pack 3900 mAH (40.0W) Lithium-Ion expansion battery pack option

OPTIONS

Integrated Options	802.11 a/g/n WLAN Bluetooth® 2.0 GPS Sealed, rugged PC Card slot cover for user installed radios Up to 3 RF modems and GPS can be integrated at one time
Port Replicators	Desk Mount with 15-pin external video (CRT) port, (2) USB ports, and expansion Battery Charger Vehicle dock with serial, USB, and external monitor connections
Other	3 Year limited warranty



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